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Illinois
Environmental
Protection Agency

Division of Public Water Supplies
2200 Churchill Road
Springfield, Illinois 62706

Groundwater Quality Protection Program

VILLAGE OF RANSOM
FACILITY NUMBER 0990900
WELL SITE SURVEY
REPORT

Division of Public Water Supplies



ILLINOIS STATE ILLINOIS

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ILLINOIS DOCUMENTS

GROUNDWATER QUALITY PROTECTION PROGRAM:

VILLAGE OF RANSOM
FACILITY NUMBER 0990900
WELL SITE SURVEY
REPORT

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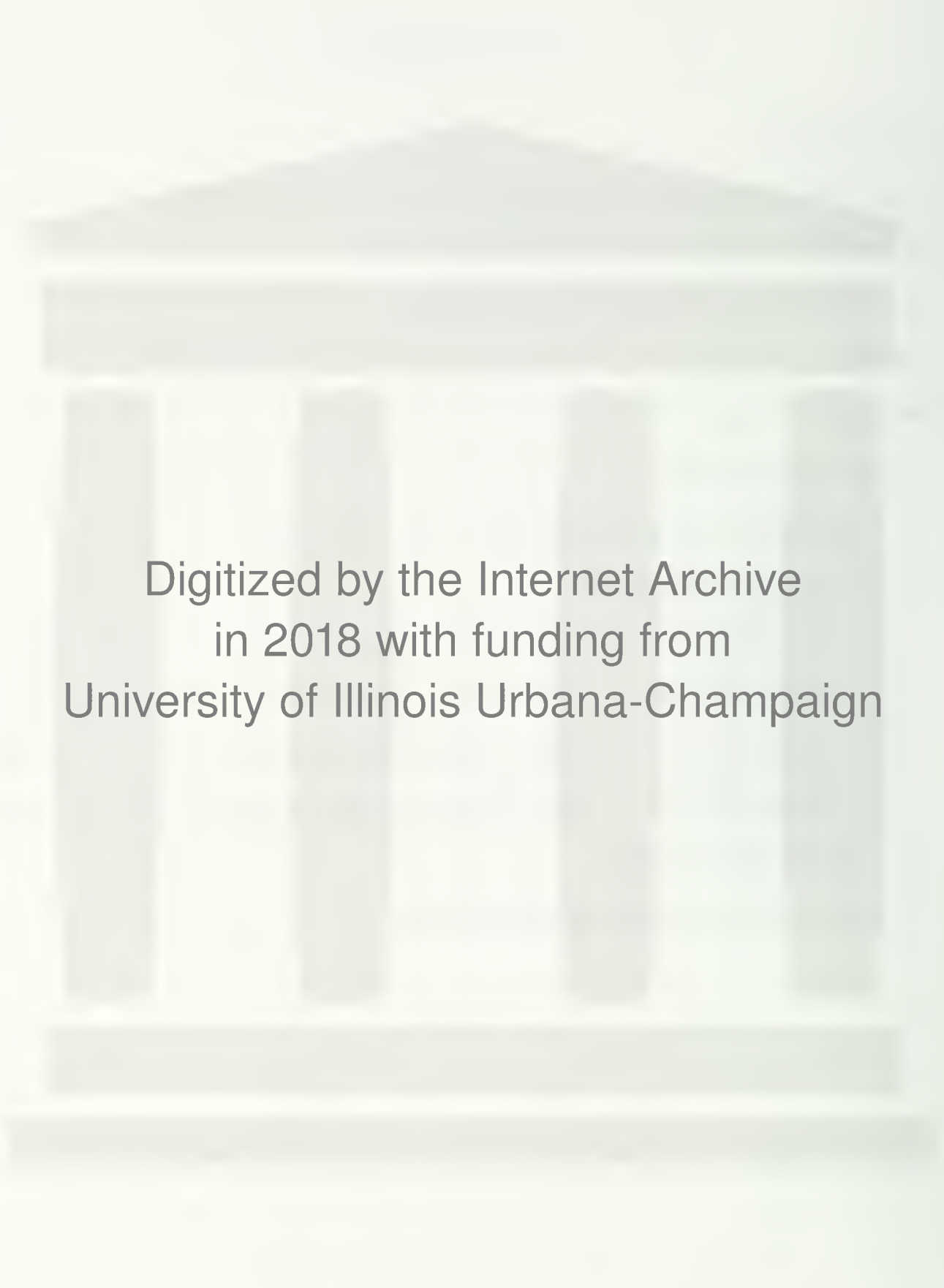
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INTRODUCTION

This report has been prepared by the Agency pursuant to Section 17.1 of the Illinois Environmental Protection Act. The report summarizes information about your facility, and samples collected and analyzed from your well(s). The well site survey provides an inventory of the area around your well(s) to help increase your awareness of potential hazards to groundwater utilized by your facility. This information and technical data will assist you in developing and implementing local groundwater protection measures authorized by the Act.

FACILITY DESCRIPTION AND GEOLOGIC PROFILE OF WELL SITES

The Village of Ransom has four public water supply wells. The facility produces 77,000 gallons per day on average to an estimated population of 450. Wells Nos. 3 and 4 are the sole source of potable water. Well No. 2 is used only in case of fire and Well No. 1 has not been used in many years. See Table I for a description of each well. Wells Nos. 1 and 3 utilize a shallow bedrock aquifer and wells No. 2 and 4 utilize a deep bedrock aquifer. These aquifers are overlain by at least 50 feet of relatively impermeable till. Permeability is a measure of the ability of a soil or sediment to transmit fluids. A detailed description and geologic profile is found in the Facility Wells Report (Appendix C).

TABLE I

	Min. Set- Back (ft.)	Max. Set- Back (ft.)	Status	Cap. (gpm) (MGD)	Spec. Cap. (gpm/ ft)	Treatment	Aquifer	Well Depth (ft)	Well Log Avail
Well No. 1 (11512)	200	No	I	8 0.01	N/A	None	Shallow Bedrock	325	Yes
Well No. 2 (11513)	200	No	SB	15 0.02	N/A	None	Deep Bedrock	831	Yes
Well No. 3 (11514)	200	No	A	18 0.03	N/A	Aerated Filtered	Shallow Bedrock	280	Yes
Well No. 4 (11515)	200	No	A	50 0.07	0.49	C1	Deep Bedrock	812	Yes

A = Active, I = Inactive, SB = Standby

GROUNDWATER SAMPLING AND MONITORING HISTORY

The public water supply wells Nos. 3 and 4 at Ransom were sampled as part of the Statewide Groundwater Monitoring Network on April 21, 1987. The well samples were analyzed for volatile organic and aromatic chemicals (VOC/VOA) and inorganic chemicals (IOC). The VOC/VOA analyses performed detected no quantifiable levels of organic chemicals in Wells No. 3 and 4. The IOC analyses performed found the water from Wells No. 3 and 4 to meet all general guidelines.

WELL SITE SURVEY METHODS AND PROCEDURES

The detailed well site survey consists of an aerial photographic map and inventory sheets (Appendix B), that relate information about potential sources, routes, and possible problem sites to your water supply wells. The location of potential sources, routes, possible problem sites, water wells minimum setback zones and the 1,000 foot survey area are all displayed on the aerial photographic map.

The first page of each survey consists of a summary description and geologic profile for each well. The second and following pages of the survey inventory units within and bordering a 1,000 foot radius of the wellhead. A unit is defined as "any device, mechanism, equipment, or area (exclusive of land utilized only for agricultural production)". The Agency 5-digit well number is associated with unit or map code, and then classified. The classification codes relate to definitions of potential contamination sources and routes as defined in the Illinois Groundwater Protection Act (see Groundwater Primer pages 18-19). The distance and direction of the unit from the wellhead is also indicated.

SURVEY RESULTS AND FINDINGS

The well site survey of Ransom was conducted on December 13, 1989 by Gregory White, Environmental Protection Specialist from the Agency's Rockford Regional Office. Mr. White interviewed Clyde Kates at the time of sampling. The following describes the results and findings for Ransom.

Ransom Well No. 1 (IEPA #11512) - The survey area is rural consisting mostly of moderate density residential housing, partly of commercial businesses, and partly of row crops. The well is located inside the village hall building on Plumb Street. There are no visible potential sources, routes, or possible problem sites located within the minimum setback zone (200 feet). Five possible problem sites are located outside the minimum setback zone, but within the survey area (1,000 feet). These sites are the Allen Township Garage (Map code 1) located 495 feet southwest of the well, the Ransom Convenience (Map code 2) located 260 feet north-northeast of the well, the underground storage tank at Stevens Trucking (Map code 5) located 780 feet northeast of northeast of the well, the underground stroage tank at the Farmers Elevator Coop (Map code 7) located 860 feet north-northwest of the well, and Ransom Fertilizer Sales (Map code 8) located 1,000 feet northwest of the well. The Village of Ransom is served by a "wildcat" sewer system.

Ransom Well No.2 (IEPA #11513) - The survey area is rural consisting mostly of moderate density residential housing, partly of commercial businesses, and partly of row crops. The well is located behind the village hall building on Plumb Street. There are no visible potential sources, routes, or possible problem sites located within the minimum setback zone (200 feet). Five possible problem sites are located outside the minimum setback zone, but within the survey area (1,000 feet). These sites are the Allen Township Garage (Map code 1) located 470 feet southwest of the well, the Ransom Convenience (Map code 2) located 300 feet north-northeast of the well, the underground storage tank at Stevens Trucking (Map code 5) located 810 feet northeast of northeast of the well, the underground stroage tank at the Farmers Elevator Coop (Map code 7) located 900 feet north-northwest of the well, and Ransom Fertilizer Sales (Map code 8) located 1,000 feet northwest of the well. The Village of Ransom is served by a "wildcat" sewer system.

Ransom Well No. 3 (11514) The survey area is rural consisting mostly of row crops and partly of moderate density residential housing. The well is located near the new water works at the northeast corner of town. There are no visible potential sources, routes, or possible problem sites located within the minimum setback zone (200 ft.). Two possible problem sites are located outside the minimum setback zone, but within the survey area. These sites are the Glenn McCann Trucking Company (Map code 4) located 900 feet west of the well and their underground storage tank (map code 3) located 970 feet west of the well. The village is served by a "wildcat" sewer system.

Ransom Well No. 4 (11515) The survey area is rural consisting mostly of row crops and partly of moderate density residential housing. The well is located near the new water works at the northeast corner of town. There are no visible potential sources, routes, or possible problem sites located within the minimum setback zone (200 ft.). Two possible problem sites are located outside the minimum setback zone, but within the survey area. These sites are the Glenn McCann Trucking Company (Map code 4) located 825 feet west of the well and their underground storage tank (map code 3) located 900 feet west of the well. The village is served by a "wildcat" sewer system.

SUMMARY

The well site survey conducted located several possible problem sites outside the minimum setback zones but within the survey areas of the wells. Sampling and monitoring to date has detected no contamination in the groundwater utilized by the facility.

The Illinois Environmental Protection Act provides minimum protection zones for your wells. These minimum protection zones are regulated by the IEPA. The Act also authorizes county and municipal officials the opportunity to provide maximum protection up to 1,000 feet. The responsibility for the control would then be assumed by local officials through adoption of a maximum setback zone ordinance.

Maximum setback zones prohibit the siting of new potential primary sources of groundwater contamination. A maximum setback up to 1,000 feet could expand the regulatory coverage of certain existing and new activities. These controls could be implemented upon the adoption of proposed regulations by the Illinois Pollution Control Board.

RECOMMENDATIONS

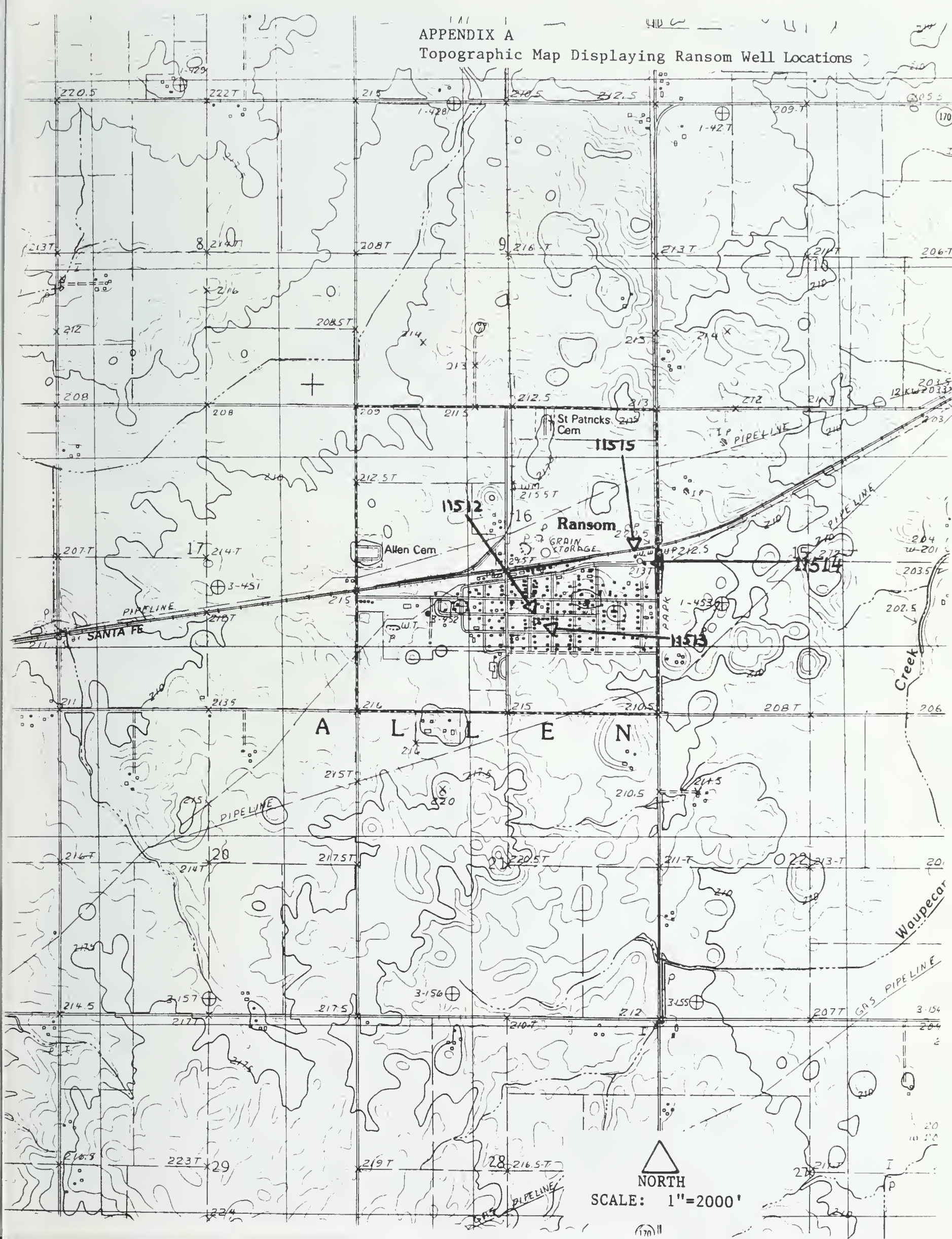
The Agency strongly urges the Village of Ransom to consider establishing a maximum setback zone for its wells. The Agency has prepared a "Maximum Setback Zone Workbook" which provides detailed case studies of how to establish maximum setback zones. In addition, technical assistance is available from the Agency and the Illinois State Water Survey.

The Agency urges the Village of Ransom to properly abandon Wells No. 1 and 2 pursuant to 77 Illinois Administrative Code 920.120.

TECHNICAL APPENDICES

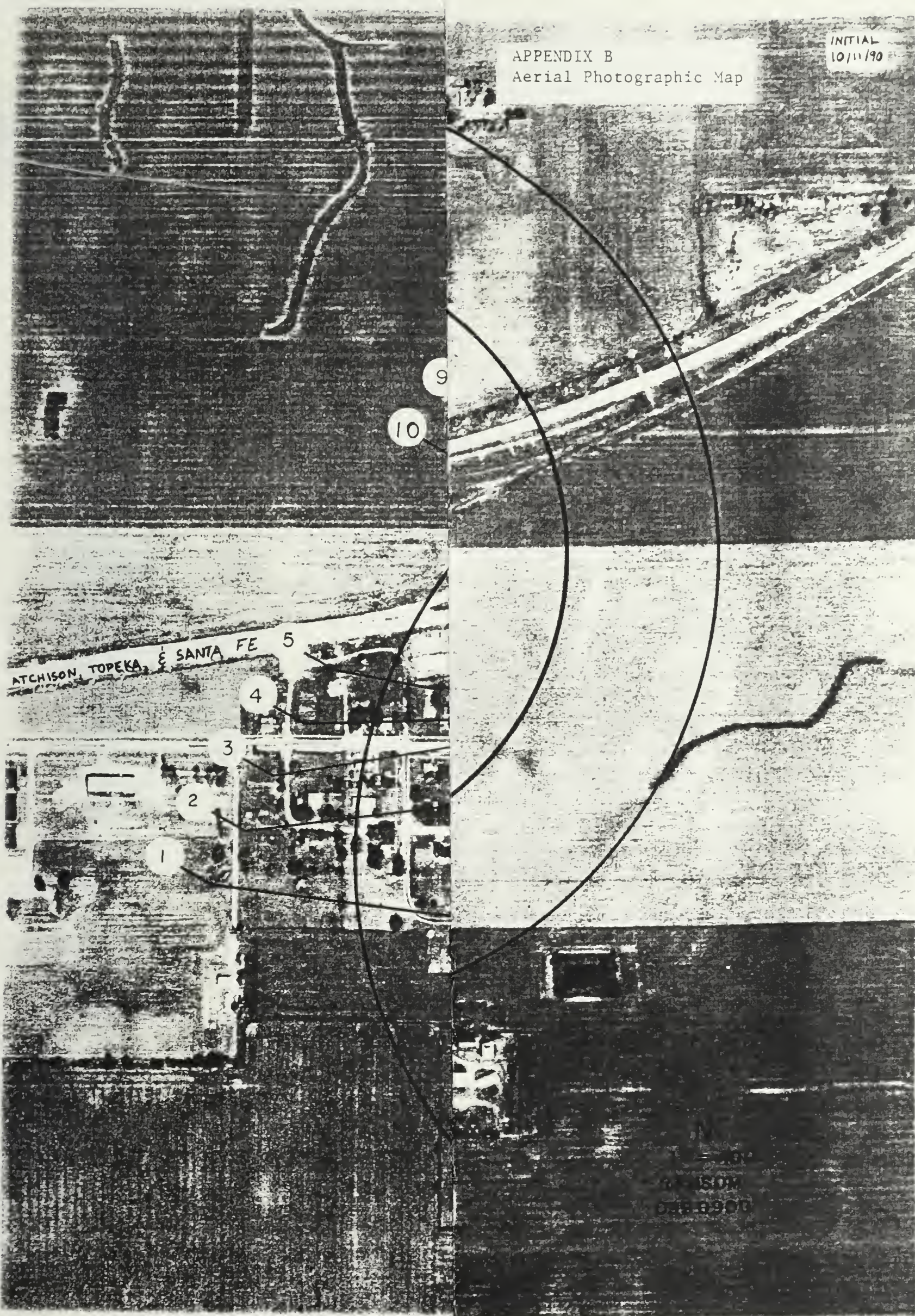
APPENDIX A

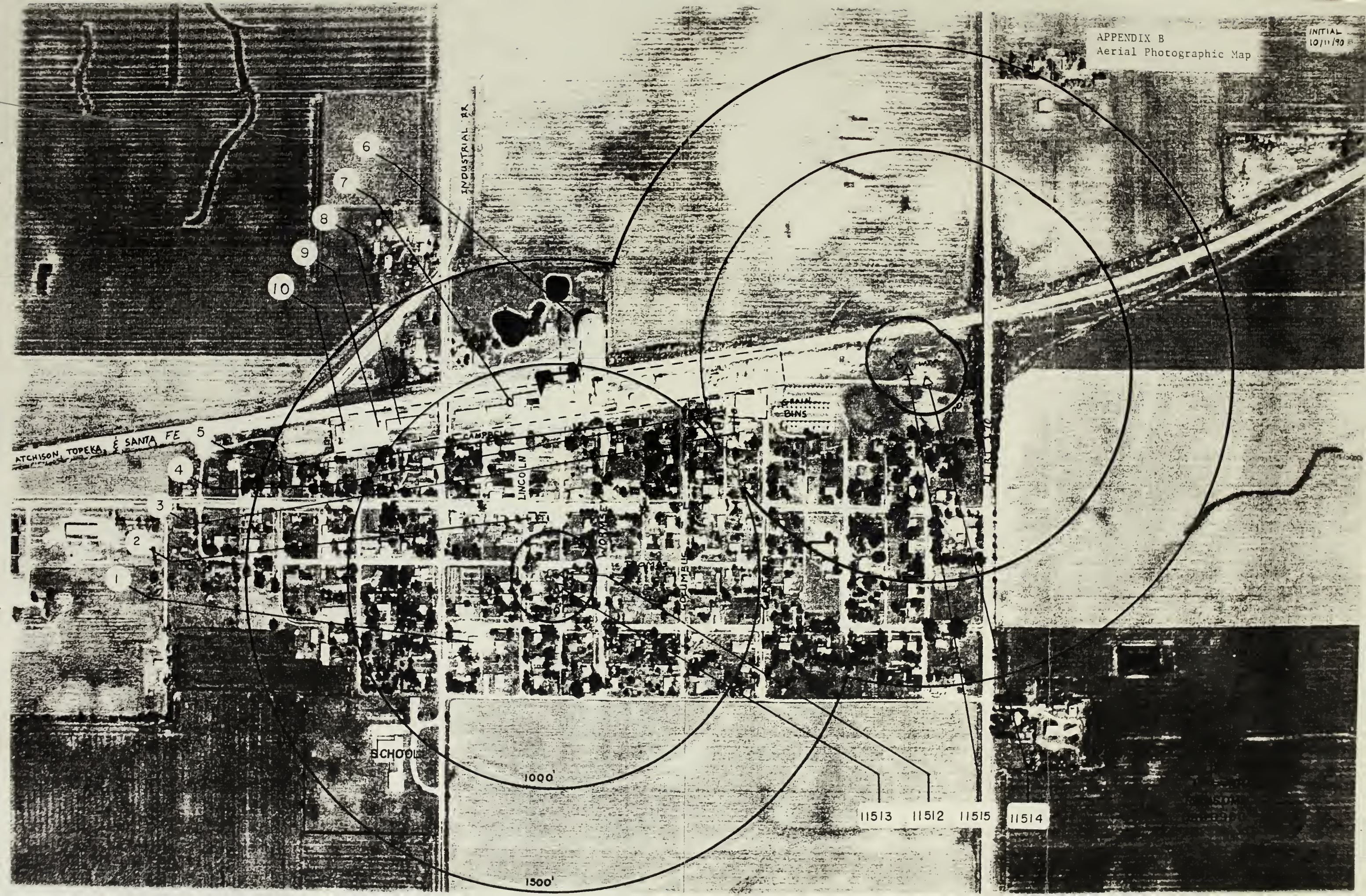
Topographic Map Displaying Ransom Well Locations



APPENDIX B
Aerial Photographic Map

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Appendix B1 - WELL SITE SUMMARY DESCRIPTION AND GEOLOGIC PROFILE
Ransom Well No. 1 (IEPA #11512)

SURVEYOR: White
SURVEY DATE: 12-13-89
ADDRESS: Village Hall
P.O. Box 33
Ransom, IL 60476

AGENCY WELL NO.: 11512
WELL NAME & DESC: Well No. 1
TREATMENT APPLICATION POINT: 01
FACILITY NO. & NAME: 0990900 Ransom
FACILITY PHONE CONTACT: (815) 586-4227

LOCATION: TWP, RNG, SECTION, 10 ACRE PLOT: 31N, 05E, 16, 4C
DISTANCE FROM CORNER: 1640 N, 2100 W
QUAD SHEET CODE & NAME: 081B Ransom
MIN. SETBACK: 200 feet
MAX. SETBACK:

SURFICIAL GEOLOGIC SUSCEPTABILITY RATING: E - Uniform, relatively impermeable till at least 50 feet thick, no evidence of interbedded sand and gravel.
AGE OF WELL (Date of Well Construction): 1907
WELL DEPTH: 325 feet
AQUIFER CODE: 2020 - Shallow Bedrock
MULTIPLE AQUIFER (Y, N): Yes
SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: Survey area is rural consisting partly of moderate density residential housing, partly of commercial businesses, and partly of row crops.

INTERVIEW(S) NAME-ADDRESS-AFFILIATION-TELEPHONE NO.:

APPENDIX B1 - INVENTORY & SYNOPSIS OF UNIT(S) Ransom Well No. 1 (IEPA #11512)

*CLASSF KEY

MIN. ZONE	OUTSIDE MIN. ZONE
PP = POTENTIAL PRIMARY	OP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY	OS = POTENTIAL SECONDARY
RI = ROUTE	OR = ROUTE
CC = CERTIFIED	CC = CERTIFIED
XI = UNKNOWN	OX = UNKNOWN
CU = CLEANUP	CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 11512-01-OS
NAME & ADDRESS OF UNIT OWNER: Allen Township Garage, Harrison St., Ransom, IL 60476
DESCRIPTION AND COMMENTS: Garage and underground fuel storage tank assumed to be greater than 500 gallons
POST (Y, N): Yes
DISTANCE AND DIRECTION: 495 feet southwest of well.

WELL NO. - MAP CODE - CLASSF*: 11512-02-OS
NAME & ADDRESS OF UNIT OWNER: Ransom Convenience, Plumb St., Ransom, IL 60476
DESCRIPTION AND COMMENTS: Grocery and gas station, underground fuel storage tanks assumed to be greater than 500 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 260 feet north-northwest.

WELL NO. - MAP CODE - CLASSF*: 11512-03
NAME & ADDRESS OF UNIT OWNER: Glenn McCann Co., 119 N. Cartier, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Underground storage tanks assumed to be greater than 500 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 1115 Ft. Northeast of well

WELL NO. - MAP CODE - CLASSF*: 11512-04
NAME & ADDRESS OF UNIT OWNER: Glenn McCann Co., 119 N. Cartier, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Trucking Company garage and office
Pre or Post: Yes
DISTANCE AND DIRECTION: 1200 Ft. Northeast of well

WELL NO. - MAP CODE - CLASSF*: 11512-05-0S
NAME & ADDRESS OF UNIT OWNER: Stevens Trucking, 112 N. Warmsey, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Underground storage tank assumed to be greater than 500 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 780 Ft. Northeast of well

WELL NO. - MAP CODE - CLASSF*: 11512-06
NAME & ADDRESS OF UNIT OWNER: Farmers Elevator Coop, 201 E. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Grain elevator
Pre or Post: Yes
DISTANCE AND DIRECTION: 800 Ft. North of well

WELL NO. - MAP CODE - CLASSF*: 11512-07-0S
NAME & ADDRESS OF UNIT OWNER: Farmers Elevator Coop, 201 E. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Underground fuel storage tank assumed to be greater than 500 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 860 Ft. North-northwest of well

WELL NO. - MAP CODE - CLASSF*: 11512-08
NAME & ADDRESS OF UNIT OWNER: Ransom Fertilizer Sales, 108 W. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Fertilizer sales
Pre or Post: Yes
DISTANCE AND DIRECTION: 1000 Ft. North-northwest of well

WELL NO. - MAP CODE - CLASSF*: 11512-09
NAME & ADDRESS OF UNIT OWNER: Ransom Fertilizer Sales, 108 W. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Fertilizer and pesticide storage tanks
Pre or Post: Yes
DISTANCE AND DIRECTION: 1100 Ft. northwest of well

WELL NO. - MAP CODE - CLASSF*: 11512-10
NAME & ADDRESS OF UNIT OWNER: Ransom Fertilizer Sales, 108 W. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Above ground fuel storage tanks, total capacity greater than 25,000 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 1225 Ft. northwest of well

Appendix B2 - WELL SITE SUMMARY DESCRIPTION AND GEOLOGIC PROFILE
Ransom Well No. 2 (IEPA #11513)

SURVEYOR: White
SURVEY DATE: 12-13-89
ADDRESS: Village Hall
P.O. Box 33
Ransom, IL 60476

AGENCY WELL NO.: 11513
WELL NAME & DESC: Well No. 2
TREATMENT APPLICATION POINT: 01
FACILITY NO. & NAME: 0990900 Ransom
FACILITY PHONE CONTACT: (815) 586-4227

LOCATION: TWP, RNG, SECTION, 10 ACRE PLOT: 31N, 05E, 16, 4C
DISTANCE FROM CORNER: 1615 N, 2100 W
QUAD SHEET CODE & NAME: 081B Ransom
MIN. SETBACK: 200 feet
MAX, SETBACK:

SURFICIAL GEOLOGIC SUSCEPTABILITY RATING: E - Uniform, relatively impermeable till at least 50 feet thick, no evidence of interbedded sand and gravel.
AGE OF WELL (Date of Well Construction): 1932
WELL DEPTH: 831 feet
AQUIFER CODE: 6365 - Deep Bedrock
MULTIPLE AQUIFER (Y, N): Yes
SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: Survey area is rural consisting partly of moderate density residential housing, partly of commercial businesses, and partly of row crops.

APPENDIX B2 - INVENTORY & SYNOPSIS OF UNIT(S) Ransom Well No. 2 (IEPA #11513)

*CLASSF KEY

MIN. ZONE

PP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY
RI = ROUTE
CC = CERTIFIED
XI = UNKNOWN
CU = CLEANUP

OUTSIDE MIN. ZONE

OP = POTENTIAL PRIMARY
OS = POTENTIAL SECONDARY
OR = ROUTE
CC = CERTIFIED
OX = UNKNOWN
CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 11513-01-OS

NAME & ADDRESS OF UNIT OWNER: Allen Township Garage, Harrison St., Ransom, IL 60476

DESCRIPTION AND COMMENTS: Garage and underground fuel storage tank assumed to be greater than 500 gallons

POST (Y, N): Yes

DISTANCE AND DIRECTION: 470 feet southwest of well.

WELL NO. - MAP CODE - CLASSF*: 11513-02-OS

NAME & ADDRESS OF UNIT OWNER: Ransom Convenience, Plumb St., Ransom, IL 60476

DESCRIPTION AND COMMENTS: Grocery and gas station, underground fuel storage tanks assumed to be greater than 500 gallons

Pre or Post: Yes

DISTANCE AND DIRECTION: 300 feet north-northwest.

WELL NO. - MAP CODE - CLASSF*: 11513-03

NAME & ADDRESS OF UNIT OWNER: Glenn McCann Co., 119 N. Cartier, Ransom, IL 60476

DESCRIPTION AND COMMENTS: Underground storage tanks assumed to be greater than 500 gallons

Pre or Post: Yes

DISTANCE AND DIRECTION: 1190 Ft. Northeast of well

WELL NO. - MAP CODE - CLASSF*: 11513-04

NAME & ADDRESS OF UNIT OWNER: Glenn McCann Co., 119 N. Cartier, Ransom, IL 60476

DESCRIPTION AND COMMENTS: Trucking Company garage & office

Pre or Post: Yes

DISTANCE AND DIRECTION: 1240 Ft. Northeast of well

WELL NO. - MAP CODE - CLASSF*: 11513-05-0S
NAME & ADDRESS OF UNIT OWNER: Stevens Trucking, 112 N. Warmsey, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Underground storage tank assumed to be greater than 500 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 810 Ft. Northeast of well

WELL NO. - MAP CODE - CLASSF*: 11513-06
NAME & ADDRESS OF UNIT OWNER: Farmers Elevator Coop, 201 E. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Grain elevator
Pre or Post: Yes
DISTANCE AND DIRECTION: 850 Ft. North of well

WELL NO. - MAP CODE - CLASSF*: 11513-07-0S
NAME & ADDRESS OF UNIT OWNER: Farmers Elevator Coop, 201 E. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Grain elevator
Pre or Post: Yes
DISTANCE AND DIRECTION: 900 Ft. North-northwest of well

WELL NO. - MAP CODE - CLASSF*: 11513-08
NAME & ADDRESS OF UNIT OWNER: Ransom Elevator Coop, 201 E. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Fertilizer Sales
Pre or Post: Yes
DISTANCE AND DIRECTION: 1000 Ft. northwest of well

WELL NO. - MAP CODE - CLASSF*: 11513-09-0S
NAME & ADDRESS OF UNIT OWNER: Ransom Fertilizer Sales, 108 W. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Fertilizer and pesticide storage tanks
Pre or Post: Yes
DISTANCE AND DIRECTION: 1125 Ft. northwest of well

WELL NO. - MAP CODE - CLASSF*: 11513-10
NAME & ADDRESS OF UNIT OWNER: Ransom Fertilizer Sales, 108 W. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Above ground fuel storage tanks total capacity greater than 25,000 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 1260 Ft. northwest of well

Appendix B3 - WELL SITE SUMMARY DESCRIPTION AND GEOLOGIC PROFILE
Ransom Well No. 3 (IEPA #11514)

SURVEYOR: White
SURVEY DATE: 12-13-89
ADDRESS: Village Hall
P.O. Box 33
Ransom, IL 60476

AGENCY WELL NO.: 11514
WELL NAME & DESC: Well No. 3
TREATMENT APPLICATION POINT: 02
FACILITY NO. & NAME: 0990900 Ransom
FACILITY PHONE CONTACT: (815) 586-4227

LOCATION: TWP, RNG, SECTION, 10 ACRE PLOT: 31N, 05E, 16, 1D
DISTANCE FROM CORNER: 2600 N, 0250 W
QUAD SHEET CODE & NAME: 081B Ransom
MIN. SETBACK: 200 feet
MAX. SETBACK:

SURFICIAL GEOLOGIC SUSCEPTABILITY RATING: E - Uniform, relatively impermeable till at least 50 feet thick, no evidence of interbedded sand and gravel.
AGE OF WELL (Date of Well Construction): 1946
WELL DEPTH: 280 feet
AQUIFER CODE: 2020 - Shallow Bedrock
MULTIPLE AQUIFER (Y, N): Yes
SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: Survey area is rural consisting mostly of row crops and partly of moderate density residential housing.

APPENDIX B3 - INVENTORY & SYNOPSIS OF UNIT(S) Ransom Well No. 3 (IEPA #11514)

*CLASSF KEY

MIN. ZONE	OUTSIDE MIN. ZONE
PP = POTENTIAL PRIMARY	OP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY	OS = POTENTIAL SECONDARY
RI = ROUTE	OR = ROUTE
CC = CERTIFIED	CC = CERTIFIED
XI = UNKNOWN	OX = UNKNOWN
CU = CLEANUP	CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 11514-01
NAME & ADDRESS OF UNIT OWNER: Allen Township Garage, Harrison St., Ransom, IL 60476
DESCRIPTION AND COMMENTS: Garage and underground fuel storage tank assumed to be greater than 500 gallons
POST (Y, N): Yes
DISTANCE AND DIRECTION: 2550 feet southwest of well.

WELL NO. - MAP CODE - CLASSF*: 11514-02
NAME & ADDRESS OF UNIT OWNER: Ransom Convenience, Plumb St., Ransom, IL 60476
DESCRIPTION AND COMMENTS: Grocery and gas station, underground fuel storage tanks assumed to be greater than 500 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 2020 feet southwest of well

WELL NO. - MAP CODE - CLASSF*: 11514-03-OS
NAME & ADDRESS OF UNIT OWNER: Glenn McCann Co., 119 N. Cartier, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Underground storage tanks assumed to be greater than 500 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 970 Ft. west of well

WELL NO. - MAP CODE - CLASSF*: 11514-04
NAME & ADDRESS OF UNIT OWNER: Glenn McCann Co., 119 N. Cartier, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Trucking Company garage and office
Pre or Post: Yes
DISTANCE AND DIRECTION: 900 Ft. west of well

WELL NO. - MAP CODE - CLASSF*: 11514-05
NAME & ADDRESS OF UNIT OWNER: Stevens Trucking, 112 N. Warmsey, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Underground storage tank assumed to be greather than 500 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 1525 Ft. west of well

WELL NO. - MAP CODE - CLASSF*: 11514-06
NAME & ADDRESS OF UNIT OWNER: Farmers Elevator Coop, 201 E. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Grain elevator
Pre or Post: Yes
DISTANCE AND DIRECTION: 1000 Ft. west of well

WELL NO. - MAP CODE - CLASSF*: 11514-07
NAME & ADDRESS OF UNIT OWNER: Farmers Elevator Coop, 201 E. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: underground fuel storage tank assumed to be greater than 500 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 2030 Ft. west of well

WELL NO. - MAP CODE - CLASSF*: 11514-08
NAME & ADDRESS OF UNIT OWNER: Ransom Elevator Coop, 201 E. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Fertilizer sales
Pre or Post: Yes
DISTANCE AND DIRECTION: 2500 Ft. west of well

WELL NO. - MAP CODE - CLASSF*: 11514-09
NAME & ADDRESS OF UNIT OWNER: Ransom Fertilizer Sales, 108 W. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Fertilizer and pesticide storage tanks
Pre or Post: Yes
DISTANCE AND DIRECTION: 2675 Ft. west of well

WELL NO. - MAP CODE - CLASSF*: 11514-10-0S
NAME & ADDRESS OF UNIT OWNER: Ransom Fertilizer Sales, 108 W. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Above ground fuel storage tanks total capacity greater than 25,000 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 2850 Ft. west of well

Appendix B4 - WELL SITE SUMMARY DESCRIPTION AND GEOLOGIC PROFILE
Ransom Well No. 4 (IEPA #11515)

SURVEYOR: White
SURVEY DATE: 12-13-89
ADDRESS: Village Hall
P.O. Box 33
Ransom, IL 60476

AGENCY WELL NO.: 11514
WELL NAME & DESC: Well No. 3
TREATMENT APPLICATION POINT: 02
FACILITY NO. & NAME: 0990900 Ransom
FACILITY PHONE CONTACT: (815) 586-4227

LOCATION: TWP, RNG, SECTION, 31N, 05E, 16, 1D
DISTANCE FROM CORNER: 2630 N, 0410 W
QUAD SHEET CODE & NAME: 081B Ransom
MIN. SETBACK: 200 feet
MAX. SETBACK:

SURFICIAL GEOLOGIC SUSCEPTABILITY RATING: E - Uniform, relatively impermeable till at least 50 feet thick, no evidence of interbedded sand and gravel.
AGE OF WELL (Date of Well Construction): 1971
WELL DEPTH: 812 feet
AQUIFER CODE: 6666 - Deep Bedrock
MULTIPLE AQUIFER (Y, N): No
SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: Survey area is rural consisting mostly of row crops and partly of moderate density residential housing.

APPENDIX B4 - INVENTORY & SYNOPSIS OF UNIT(S) Ransom Well No. 4 (IEPA #11515)

*CLASSF KEY

MIN. ZONE	OUTSIDE MIN. ZONE
PP = POTENTIAL PRIMARY	OP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY	OS = POTENTIAL SECONDARY
RI = ROUTE	OR = ROUTE
CC = CERTIFIED	CC = CERTIFIED
XI = UNKNOWN	OX = UNKNOWN
CU = CLEANUP	CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 11515-01
NAME & ADDRESS OF UNIT OWNER: Allen Township Garage, Harrison St., Ransom, IL 60476
DESCRIPTION AND COMMENTS: Garage and underground fuel storage tank assumed to be greater than 500 gallons
POST (Y, N): Yes
DISTANCE AND DIRECTION: 2500 feet southwest of well.

WELL NO. - MAP CODE - CLASSF*: 11514-02
NAME & ADDRESS OF UNIT OWNER: Ransom Convenience, Plumb St., Ransom, IL 60476
DESCRIPTION AND COMMENTS: Grocery and gas station, underground fuel storage tanks assumed to be greater than 500 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 1960 feet southwest of well

WELL NO. - MAP CODE - CLASSF*: 11515-03-OS
NAME & ADDRESS OF UNIT OWNER: Glenn McCann Co., 119 N. Cartier, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Underground storage tanks assumed to be greater than 500 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 900 Ft. west-southwest of well

WELL NO. - MAP CODE - CLASSF*: 11515-04
NAME & ADDRESS OF UNIT OWNER: Glenn McCann Co., 119 N. Cartier, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Trucking Company garage and office
Pre or Post: Yes
DISTANCE AND DIRECTION: 825 Ft. west-southwest of well

WELL NO. - MAP CODE - CLASSF*: 11515-05-05
NAME & ADDRESS OF UNIT OWNER: Stevens Trucking, 112 N. Warmsey, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Underground storage tank assumed to be greather than 500 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 1450 Ft. west-southwest of well

WELL NO. - MAP CODE - CLASSF*: 11515-06
NAME & ADDRESS OF UNIT OWNER: Farmers Elevator Coop, 201 E. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Grain elevator
Pre or Post: Yes
DISTANCE AND DIRECTION: 1000 Ft. west of well

WELL NO. - MAP CODE - CLASSF*: 11515-07
NAME & ADDRESS OF UNIT OWNER: Farmers Elevator Coop, 201 E. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: underground fuel storage tank assumed to be greater than 500 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 1965 Ft. west of well

WELL NO. - MAP CODE - CLASSF*: 11515-08
NAME & ADDRESS OF UNIT OWNER: Ransom Elevator Coop, 201 E. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Fertilizer sales
Pre or Post: Yes
DISTANCE AND DIRECTION: 2429 Ft. west of well

WELL NO. - MAP CODE - CLASSF*: 11515-09-05
NAME & ADDRESS OF UNIT OWNER: Ransom Fertilizer Sales, 108 W. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Fertilizer and pesticide storage tanks
Pre or Post: Yes
DISTANCE AND DIRECTION: 2600 Ft. west of well

WELL NO. - MAP CODE - CLASSF*: 11515-10-05
NAME & ADDRESS OF UNIT OWNER: Ransom Fertilizer Sales, 108 W. Campbell, Ransom, IL 60476
DESCRIPTION AND COMMENTS: Above ground fuel storage tanks total capacity greater than 25,000 gallons
Pre or Post: Yes
DISTANCE AND DIRECTION: 2800 Ft. west of well

APPENDIX C

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
FACILITY WELLS REPORT

REPORT: PWGMP053
MODULE: PWGMP027

PAGE: 0
DATE: 04/12/90

FACILITY: 090900 RANSOM

----- OWNER -----

----- OFFICIAL CUSTODIAN -----

HENRY HEPNER

CLYDE V. KATES

VILLAGE HALL

VILLAGE HALL

PO BOX 33

203 INUMAS

RANSOM

IL 60470

RANSOM

IL 60470

WELL: 11512 M1 PLUMGER R GPM
LATITUDE: N41 09 21.3

STATUS: INACTIVE* BACKUP
LONGITUDE: N088 39 07.0 TAP: 31N RING: USE SEC: 16 PLOT: 4C
DEPTH(FT): 525

SUSCEPTIBILITY - LAND BURIAL: E
AQUIFERS: PENNSYLVANIAN SYSTEM

SUSCEPTIBILITY - LAND SPREADING: D2 --- MINIMUM SETBACK(FT): 200* ---

WELL: 11513 M2 SUR 15 GPM
LATITUDE: N41 09 21.0

STATUS: ACTIVE BACKUP
LONGITUDE: N088 39 07.0 TAP: 31N RING: USE SEC: 16 PLOT: 4C
DEPTH(FT): 831

SUSCEPTIBILITY - LAND BURIAL: E
AQUIFERS: GALENA-PLATTEVILLE

SUSCEPTIBILITY - LAND SPREADING: D2 --- MINIMUM SETBACK(FT): 0200 ---

WELL: 11514 M3 SUR 15 GPM
LATITUDE: N41 09 32.0

STATUS: ACTIVE BACKUP
LONGITUDE: N088 38 41.0 TAP: 31N RING: USE SEC: 16 PLOT: 1D
DEPTH(FT): 280

SUSCEPTIBILITY - LAND BURIAL: E
AQUIFERS: PENNSYLVANIAN SYSTEM

SUSCEPTIBILITY - LAND SPREADING: D2 --- MINIMUM SETBACK(FT): 0200 ---

WELL: 11515 M4 SUR 50 GPM
LATITUDE: N41 09 32.3

STATUS: ACTIVE BACKUP
LONGITUDE: N086 38 43.0 TAP: 31N RING: USE SEC: 16 PLOT: 1D
DEPTH(FT): 812

SUSCEPTIBILITY - LAND BURIAL: E
AQUIFERS: ANCELL GROUP

SUSCEPTIBILITY - LAND SPREADING: D2 --- MINIMUM SETBACK(FT): 0200 ---

SUSCEPTIBILITY CODES
LAND BURIAL: E

= UNIFORM, RELATIVELY IMPERMEABLE SILTY OR CLAYEY TILL AT LEAST 50 FT THICK? NO EVIDENCE OF INTERBEDDED SAND AND GRAVEL.

LAND SPREADING: D2

= UNIFORM, RELATIVELY IMPERMEABLE SILTY OR CLAYEY TILL AT LEAST 20 FT THICK? NO EVIDENCE OF INTERBEDDED SAND AND GRAVEL.

*NOTE: INACTIVE WELLS SHOULD EITHER BE REEQUIPPED FOR USE OR PROPERLY ABANDONED. INACTIVE WELLS WHICH ARE IMPROPERLY ABANDONED ARE CONSIDERED POTENTIAL ROUTES ACCORDING TO P.A. 85-0863.

APPENDIX D

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

REPORT: PWGMPJ48
MODULE: PWGMPJ26

PAGE: 29
DATE: 09/12/90

FACILITY: 0990900 RANSON
TAP: 02 TREAT PLANT A DT HSP C PFLT
RAW SRCE: 11514 W3 SUB 15 GPM
STATUS: A
PUBLIC: Y
COMM: Y
TYPE WATER: G

SAMPLE NO: 800388800 LOCATION: RANSON
SMPL TYPE: RAW COLLECTOR: C. KATES
SMPL PURP: 1-ROUTINE COMMENTS:
SMPL PROG: C-CHEMICAL 08SRVATNS:
JLL DATE: 01/10/90 DELIVERED BY: MAIL
LAB RCVD: 01/17/90 RECEIVED BY: PMD
LAB CMPL: 03/14/90 LAB SUPERVISOR: RPF
SMPL PERIOD: 01/90 FUND CODE: PW30

ANALYSIS RESULT				STANDARD				TRIGGER			
ID	NO	NO	DESCRIPTION	UNITS	RESULT	ORINK	WTR	RAW	WTR	LEVEL	
PH LABORATORY UNITS											
101T000	001	00403	CONDUCTIVITY(C)-LAB	UM/CM	780.000	3.200					
102T000	001	00095	RESIDUE, TOTAL FILTERABLE	MG/L	469.000						
103T000	001	00410	ALKALINITY, TOTAL	MG/L	401.000						
105T000	001	00900	HARDNESS, TOTAL	MG/L	104.000						
107T000	001	00951	FLUORIDE, TOTAL	MG/L	0.880	4.000					
108T000	001	00340	CHLORIDE, TOTAL	MG/L	20.000						
109T000	001	00945	SULFATE, TOTAL	MG/L	10.000						
110T000	001	00630	NITRATE & NITRITE, TOTAL	MG/L	1.100	10.000					
111T000	001	00610	NITROGEN, AMMONIA, TOTAL	MG/L	0.220						
114T000	001	00956	SILICA, TOTAL	MG/L	15.000						
116T000	001	00720	CYANIDE, TOTAL	MG/L	0.005	0.200					
144T000	001	01002	ARSENIC, TOTAL	UG/L	1.000	50.000					
151T000	001	01051	LEAD, TOTAL	UG/L	5.000	50.000					
153T000	001	01900	MERCURY, TOTAL	UG/L	2.050	2.000					
155T000	001	01147	Selenium, TOTAL	UG/L	1.000	10.000					
177T100	001	00916	Calcium, TOTAL	MG/L	25.000						
177T100	002	00927	Magnesium, TOTAL	MG/L	9.000						
177T100	003	00929	Sodium, TOTAL	MG/L	132.000						
177T100	004	00937	Potassium, TOTAL	MG/L	2.400						
177T100	005	01105	Aluminum, TOTAL	UG/L	50.000						
177T100	006	01007	Barium, TOTAL	UG/L	24.000	1000.000					
177T100	007	01012	Beryllium, TOTAL	UG/L	1314.000						
177T100	008	01012	Beryllium, TOTAL	UG/L	0.500						
177T100	009	01027	Cadmium, TOTAL	UG/L	3.000	10.000					
177T100	010	01034	Chromium, TOTAL	UG/L	5.000	50.000					
177T100	011	01042	Copper, TOTAL	UG/L	5.000	5000.000					
177T100	012	01037	Cobalt, TOTAL	UG/L	5.000						
177T100	013	01045	Iron, TOTAL	UG/L	56.000	1000.000					
177T100	014	01055	Manganese, TOTAL	UG/L	33.000	150.000					
177T100	015	01057	Nickel, TOTAL	UG/L	5.000						
177T100	016	01077	Silver, TOTAL	UG/L	3.000	50.000					
177T100	017	01032	Strontium, TOTAL	UG/L	342.000						
177T100	018	01087	Vanadium, TOTAL	UG/L	5.000						
177T100	019	01092	Zinc, TOTAL	UG/L	50.000	5000.000					
177T100	020	92394	HARDNESS, CALC -	MG/L	100.000						

SAMPLE NO: 2002263 LOCATION: WELL
SMPL TYPE: RAW COLLECTOR: I-PA SAMP COLLECTOR
SMPL PURP: 5-SPEC/OTHER COMMENTS:
COLL DATE: 04/21/87 DELIVERED BY:
LAB RCVD: 00/00/00 RECEIVED BY:
LAB CMPL: 00/00/00 LAB SUPERVISOR:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

REPORT: PMWMP048
MODULE: PMW4024

PAGE: 30
DATE: 09/12/90

FACILITY: 0490900 RAMSOM

*** CONTINUED ***

SMPL PRG: I-GWM INORG OBSRVATNS:

SMPL PERIOD: 04/87 FUND CODE:

ANALYSIS ID	RSLT ND	NO	DESCRIPTION	UNITS	RESULT	-----STANDARDS-----			TRIGGER
						DRINK MTR	RAM MTR	LEVEL	
0000001	001	00610	NITROGEN,AMMONIA TOTAL MG/L AS N		0.530				
0000001	002	00630	NITRATE & NITRITE TOTAL MG/L AS N		0.100 <	10.000			
0000001	003	00665	PHOSPHORUS, TOTAL MG/L AS P		0.040				
0000001	004	00720	CYANIDE, TOTAL MG/L AS CN		0.010 <	0.200			
0000001	005	00916	CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP		31.000				
0000001	006	00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP		11.000				
0000001	007	00929	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP		175.000				
0000001	008	00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP		5.000				
0000001	009	00940	CHLORIDE, TOTAL MG/L AS CL		28.000				
0000001	010	00945	SULFATE, TOTAL MG/L AS SD4		10.000 <				
0000001	011	00951	FLUORIDE, TOTAL MG/L AS F		0.720	4.000			
0000001	012	00956	SILICA, TOTAL MG/L AS S102		14.000				
0000001	013	01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS		1.000 <	50.000			
0000001	014	01007	BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP		27.000	1000.000			
0000001	015	01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP		0.500 <				
0000001	016	01022	RODNIUM, TOTAL RECOVERABLE UG/L AS RO ANAL BY ICP		1315.000				
0000001	017	01027	CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICP		3.000 <	10.000			
0000001	018	01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICP		5.000 <	50.000			
0000001	019	01037	COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP		5.000 <				
0000001	020	01042	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP		5.000 <	5000.000			
0000001	021	01045	IRON, TOTAL RECOVERABLE UG/L AS FE ANAL BY ICP		89.000	1000.000			
0000001	022	01051	LEAD, TOTAL RECOVERABLE UG/L AS PB		5.000 <	50.000			
0000001	023	01055	MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP		57.000	150.000			
0000001	024	01057	NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP		5.000 <				
0000001	025	01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP		3.000 <	50.000			
0000001	026	01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP		454.000				
0000001	027	01087	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP		5.000 <	5000.000			
0000001	028	01092	ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP		54.000				
0000001	029	01105	ALUMINUM, TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP		50.000 <				
0000001	030	01147	SELENIUM, TOTAL RECOVERABLE UG/L AS SE		1.000 <	10.000			
0000001	031	32730	PHENOLS, TOTAL RECOVERABLE UG/L		5.000 <				
0000001	032	70300	RESIDUE, TOTAL FILTERABLE 0180 C, 4G/L		549.000				
0000001	033	71900	MERCURY, TOTAL UG/L AS HG		0.050 <	2.000			
0000001	034	00010	WATER TEMPERATURE DEG C		23.500				
0000001	035	00059	FLOW (PUMPING) RATE GAL/MIN		18.000				
0000001	036	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS		240.000-				
0000001	037	00095	CONDUCTIVITY(EC)-LAB(CUMHDS/CM @ 25 C		865.000				
0000001	038	00400	PH PH UNITS		7.300				
0000001	039	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN		30.000				
0000001	040	90410			446.000				

SAMPLE NO: 202225 LOCATION: WELL
SMPL TYPE: RAW COLLECTOR: IFPA SMPL COLLECTOR
SMPL PRG: I-GWM INORG OBSRVATNS: COMMENTS:
SMPL PRG: I-GWM INORG OBSRVATNS: SMPL PERIOD: 04/87 FUND CODE:

COLL DATE: 04/21/87 DELIVERED BY:
LAB RCVD: 00/00/00 RECEIVED BY:
LAB COMPL: 00/00/00 LAB SUPERVISOR:
SMPL PERIOD: 04/87 FUND CODE:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
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PAGE: 31
DATE: 09/12/90

REPORT: PWGWP048
MODULE: PWGWM026

FACILITY: 3990900 RANJCM

*** CONTINUED ***

ANALYSIS		RSLT	STREET		STANDARD		TRIGGER	
ID	NO	NO	NO	NO	DESCRIPTION	UNITS	RESULT	DRINK WTR
								RAW WTR
								LEVEL
0000001	001	00610	NITROGEN, AMMONIA TOTAL MG/L AS N				0.600	
0000001	002	00630	NITRATE & NITRITE TOTAL MG/L AS N				0.100 <	10.000
0000001	003	00665	PHOSPHORUS, TOTAL MG/L AS P				0.050	
0000001	004	00720	CYANIDE, TOTAL MG/L AS CN				0.001 <	0.200
0000001	005	00916	CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP				31.000	
0000001	006	00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS MA ANAL BY ICP				11.000	
0000001	007	00929	SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP				173.000	
0000001	008	00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP				4.900	
0000001	009	00940	CHLORIDE, TOTAL MG/L AS CL				26.000	
0000001	010	00945	SULFATE, TOTAL MG/L AS SO4				10.000 <	
0000001	011	00951	FLUORIDE, TOTAL MG/L AS F				0.740	4.000
0000001	012	00955	SILICA, TOTAL MG/L AS SiO2				14.000	
0000001	013	01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS				1.000 <	50.000
0000001	014	01007	BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP				27.000	1000.000
0000001	015	01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP				0.500 <	
0000001	016	01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP				1295.000	
0000001	017	01027	CAESIUM, TOTAL RECOVERABLE UG/L AS CS ANAL BY ICP				3.000 <	10.000
0000001	018	01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICP				5.000 <	50.000
0000001	019	01037	COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP				5.000 <	
0000001	020	01042	COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP				5.000 <	5000.000
0000001	021	01045	IRON, TOTAL RECOVERABLE UG/L AS FE ANAL BY ICP				87.000	1000.000
0000001	022	01051	LEAD, TOTAL RECOVERABLE UG/L AS Pb				5.000 <	50.000
0000001	023	01055	MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP				56.000	150.000
0000001	024	01067	NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP				5.000 <	
0000001	025	01077	SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP				3.000 <	50.000
0000001	026	01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP				450.000	
0000001	027	01087	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP				5.000 <	
0000001	028	01092	ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP				50.000 <	5000.000
0000001	029	01105	LUMINIUM, TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP				50.000 <	
0000001	030	01147	SELENIUM, TOTAL RECOVERABLE UG/L AS SE				1.000 <	10.000
0000001	031	3270	PHENOLS, TOTAL RECOVERABLE UG/L				5.000 <	
0000001	032	7030	RESIDUE, TOTAL FILTERABLE 0180 G, MG/L				573.000	
0000001	033	7190	MERCURY, TOTAL UG/L AS HG				0.050 <	2.000
0000001	034	5015	WATER TEMPERATURE DEG C				13.500	
0000001	035	00059	FLOW (PUMPING) RATE GAL/MIN				18.000	
0000001	036	00030	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS				240.000-	
0000001	037	00095	CONDUCTIVITY (EC) - MICROHMS/CM @ 25 C				865.000	
0000001	038	00400	PH 25 UNITS				7.300	
0000001	039	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN				45.000	
0000001	040	90410					453.000	

SAMPLE NO: 3031691 LOCATION: WELL #3
 SML TYPE: RAW COLLECTOR: C KATES
 SML PURP: 1-ROUTINE COMMENTS:
 SML PRG: 1-SHM INORG OBSRVATNS:
 COLL DATE: 01/05/82 DELIVERED BY:
 LAB RCVD: 02/01/82 RECEIVED BY:
 LAB COMPL: LAB SUPERVISOR:
 SML PERIOD: 01/82 FUND CODE:

*** CONTINUED ***

SAMPLE NO: Z002262	LOCATION: WELL	COLL DATE: 04/21/87	DELIVERED BY:
SAMPL TYPE: RAW	COLLECTOR: IEPA	LAB RCVO: 00/00/00	RECEIVED BY:
SAMPL PURP: 5-SPEC/OTHR	COMMENTS:	LAB COMPL: 00/00/00	LAB SUPERVISOR:
SAMPL PRJG: V-VOC	QASRVATNS:	SMPL PERIOD: 04/87	FUND CODE:

ANALYSIS		RSLT		-----STORET-----		-----STANDARDS-----				TRIGGER	
IO		NO	NO	NO	DESCRIPTION	UNITS	RESULT	DRINK WTR	RAW WTR	LEVEL	
0300001	001	32101			BROMDICHLOROMETHANE	UG/L	CG/MS	1.000	<		
0300001	002	32102			CARBON TETRACHLORIDE	UG/L	CG/MS	1.000	<	5.000	
0300001	003	32103			1,2-DICHLOROETHANE	UG/L		1.000	<	5.000	

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
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REPORT: PWGMP048
MODULE: PWGMP025

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FACILITY: 0390900 RANSDM

0000001	004	32104	BROMOFORM UG/L GC/MS	1.000 <
0000001	005	32105	DIBROMOCHLOROMETHANE UG/L GC/MS	1.000 <
0000001	006	32106	CHLOROFORM UG/L GC/MS	1.000 <
0000001	007	34010	TOLUENE UG/L	1.000 <
0000001	008	34030	BENZENE UG/L	5.000
0000001	009	34301	CHLOROBENZENE UG/L	1.000 <
0000001	010	34371	ETHYLBENZENE UG/L	1.000 <
0000001	011	34423	METHYLENE CHLORIDE UG/L	1.000 <
0000001	012	34475	TETRACHLOROETHYLENE UG/L GC/MS	1.000 <
0000001	013	34496	1,1-DICHLOROETHANE UG/L GC/MS	1.000 <
0000001	014	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	7.000
0000001	015	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	200.000
0000001	016	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	1.000 <
0000001	017	39180	TRICHLOROETHYLENE UG/L	5.000
0000001	018	00010	WATER TEMPERATURE DEG C	13.500
0000001	019	00059	FLOW (PUMPING) RATE GAL/MIN	18.000
0000001	020	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS	240.000-
0000001	021	00095	CONDUCTIVITY(CE)-LAB(UMHOS/CM @ 25 C	865.000
0000001	022	00400	PH PH UNITS	7.300
0000001	023	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN	30.000
0000001	024	90410		446.000

SAMPLE NO: 2002264 LOCATION: WELL
SMPL TYPE: RAW COLLECTOR: IEPA SMPL COLLECTOR
SMPL PURP: 5-SPEC/OTHER COMMENTS:
SMPL PRG: V-VOC OBSRVATNS:

CJLL DATE: 04/21/97 DELIVERED BY:
LAB RCVD: 00/00/00 RECEIVED BY:
LAB COMPL: 00/00/00 LAB SUPERVISOR:
SMPL PERIOD: 04/87 FUNO CODE:

ANALYSIS RSLT -----STANDARD----- TRIGGER
ID NO NO NO DESCRIPTION UNITS RESULT DRINK WTR RAW WTR LEVEL

0000001	001	32101	BROMOCHLOROMETHANE UG/L GC/MS	1.000 <
0000001	002	32102	CARBON TETRACHLORIDE UG/L GC/MS	5.000
0000001	003	32103	1,2-DICHLOROETHANE UG/L	5.000
0000001	004	32104	BROMOFORM UG/L GC/MS	1.000 <
0000001	005	32105	DIBROMOCHLOROMETHANE UG/L GC/MS	1.000 <
0000001	006	32106	CHLOROFORM UG/L GC/MS	1.000 <
0000001	007	34010	TOLUENE UG/L	1.000 <
0000001	008	34030	BENZENE UG/L	5.000
0000001	009	34301	CHLOROBENZENE UG/L	1.000 <
0000001	010	34371	ETHYLBENZENE UG/L	1.000 <
0000001	011	34423	METHYLENE CHLORIDE UG/L	1.000 <
0000001	012	34475	TETRACHLOROETHYLENE UG/L GC/MS	1.000 <
0000001	013	34496	1,1-DICHLOROETHANE UG/L GC/MS	1.000 <
0000001	014	34501	1,1-DICHLOROETHYLENE UG/L GC/MS	7.000
0000001	015	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS	200.000
0000001	016	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS	1.000 <
0000001	017	39180	TRICHLOROETHYLENE UG/L	5.000
0000001	018	00010	WATER TEMPERATURE DEG C	13.500
0000001	019	00059	FLOW (PUMPING) RATE GAL/MIN	18.000
0000001	020	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS	240.000-

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
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PAGE: 34
DATE: 09/12/90

REPORT: MWGP0048
MODULE: MWGM026

FACILITY: 0990900 RANSON

*** CONTINUED ***

0000001 021 00095 CONDUCTIVITY(CE)-LAB(UMHOS/CM @ 25 C 965.000
0000001 022 00400 PH PH UNITS 7.300
0000001 023 72004 FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN 45.000
0000001 024 90410 453.000

FACILITY: 0990900 RANSON

STATUS: A PUBLIC: Y COMM: Y TYPE WATER: G

TAP: J2 TREAT PLANT A QT HSP C PFLT

STATUS: A

RAW SRCE: 11515 W4 SUB 50 GPM

STATUS: A

SAMPLE NO: 800089100 LOCATION: RANSON

COLL DATE: 01/10/90 DELIVERED BY: MAIL

SMPL TYPE: RAW COLLECTOR: C. KATES

LAB RCVO: 01/17/90 RECEIVED BY: PMO

SMPL PURP: 1-ROUTINE COMMENTS:

LAB COMPL: 04/10/90 LAB SUPERVISOR: RPF

SMPL PROG: C-CHEMICAL OBSRVATNS:

SMPL PERIOD: 01/90 FUND CODE: PW30

ANALYSIS RSLT -----STORET-----

-----STANDARDOS-----

TRIGGER

ID	NO	NO	DESCRIPTION	UNITS	RESULT	ORINK WTR	RAM WTR	LEVEL
PH LABORATORY UNITS								
100T000	001	00403	PH LABORATORY UNITS	UNITS	8.000			
101T000	001	00095	CONDUCTIVITY(CE)-LAB(UMHOS/CM @ 25 C	UM/CH	1630.000			
102T000	001	70300	RESIDUE, TOTAL FILTERABLE @180 C, MG/L	MG/L	980.000			
103T000	001	00410	ALKALINITY, TOTAL MG/L AS CaCO3	MG/L	214.000			
105T000	001	00900	HARDNESS, TOTAL MG/L AS CaCO3	MG/L	257.000			
107T000	001	00951	FLUORIDE, TOTAL MG/L AS F	MG/L	1.270	4.000		
108T000	001	00940	CHLORIDE, TOTAL MG/L AS CL	MG/L	307.000			
109T000	001	00945	SULFATE, TOTAL MG/L AS SO4	MG/L	56.000			
110T000	001	00630	NITRATE & NITRITE, TOTAL MG/L AS N	MG/L	0.100	10.000		
111T000	001	00610	NITROGEN, AMMONIA TOTAL MG/L AS N	MG/L	1.200			
114T000	001	00956	SILICA, TOTAL MG/L AS SiO2	MG/L	8.500			
116T000	001	00720	CYANIDE, TOTAL MG/L AS CN	MG/L	0.005	0.200		
144T000	001	01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS	UG/L	1.000	50.000		
151T000	001	01051	LEAD, TOTAL RECOVERABLE UG/L AS Pb	UG/L	5.000	50.000		
153T000	001	01900	MERCURY, TOTAL UG/L AS Hg	UG/L	0.050	2.000		
155T000	001	01147	SELENIUM, TOTAL RECOVERABLE UG/L AS SE	UG/L	1.000	10.000		
177T100	001	00916	CALCIUM, TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP	MG/L	56.000			
177T100	002	00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP	MG/L	29.000			
177T100	003	00929	SODIUM, TOTAL RECOVERABLE MG/L AS Na ANAL BY ICP	MG/L	240.000			
177T100	004	00927	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP	MG/L	15.000			
177T100	005	01105	ALUMINUM, TOTAL RECOVERABLE UG/L AS Al ANAL BY ICP	UG/L	50.000			
177T100	006	01007	BARIUM, TOTAL RECOVERABLE UG/L AS Ba ANAL BY ICP	UG/L	151.000	1000.000		
177T100	007	01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP	UG/L	1253.000			
177T100	008	01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS Be ANAL BY ICP	UG/L	0.500			
177T100	009	01027	CADMIUM, TOTAL RECOVERABLE UG/L AS Cd ANAL BY ICP	UG/L	3.000	10.000		
177T100	010	01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS Cr ANAL BY ICP	UG/L	5.000	50.000		
177T100	011	01042	COPPER, TOTAL RECOVERABLE UG/L AS Cu ANAL BY ICP	UG/L	10.000	5000.000		
177T100	012	01037	COBALT, TOTAL RECOVERABLE UG/L AS Co ANAL BY ICP	UG/L	5.000			
177T100	013	01045	IRON, TOTAL RECOVERABLE, UG/L AS Fe ANAL BY ICP	UG/L	50.000	1000.000		
177T100	014	01035	MANGANESE, TOTAL RECOVERABLE UG/L AS Mn ANAL BY ICP	UG/L	5.000	150.000		
177T100	015	01067	NICKEL, TOTAL RECOVERABLE UG/L AS Ni ANAL BY ICP	UG/L	5.000			
177T100	016	01077	SILVER, TOTAL RECOVERABLE UG/L AS Ag ANAL BY ICP	UG/L	3.000	50.000		
177T100	017	01032	STRONTIUM, TOTAL RECOVERABLE UG/L AS Sr ANAL BY ICP	UG/L	2126.000			

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

REPORT: PWGWPJ48
MODULE: PWGWM026

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DATE: 09/12/90

FACILITY: 0990900 RANSOM

*** CONTINUED ***

1777100 018 01087 VANADIUM, TOTAL RECOVERABLE UG/L ASV ANAL BY ICP 5.000 <
1777100 019 01092 ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP 50.000 < 5000.000
1777100 020 92394 HARDNESS, CALC - MG/L 257.000

SAMPLE NO: 2002267 LOCATION: WELL COLLECTOR: IEPA SMPL COLLECTOR
SMPL TYPE: RAW
SMPL PURP: 5-SPEC/DTHR COMMENTS:
SMPL PRGG: I-GWM INORG OBSRVATNS:

COLL DATE: 04/21/87 DELIVERED BY:
LAB RCVD: 00/00/00 RECEIVED BY:
LAB CMPL: 00/00/00 LAB SUPERVISOR:
SMPL PERIOD: 04/87 FUND CODE:

ANALYSIS RSLT -----STORET-----
ID NO NO NO DESCRIPTION UNITS RESULT DRINK WTR RAW WTR TRIGGER LEVEL

0000001 001 00610 NITROGEN, AMMONIA TOTAL MG/L AS N 0.970
0000001 002 00630 NITRATE & NITRITE TOTAL MG/L AS N 0.100 < 10.000
0000001 003 00665 PHOSPHORUS, TOTAL MG/L AS P 0.010 <

0000001 004 00720 CYANIDE, TOTAL MG/L AS CN 0.010 < 0.200
0000001 005 00916 CALCIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP 53.000
0000001 006 00927 MAGNESIUM, TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP 29.000

0000001 007 00929 SODIUM, TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP 221.000
0000001 008 00937 POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP 16.000
0000001 009 00940 CHLORIDE, TOTAL MG/L AS CL 331.000

0000001 010 00945 SULFATE, TOTAL MG/L AS SO4 39.000
0000001 011 00951 FLUORIDE, TOTAL MG/L AS F 1.250 4.000
0000001 012 00956 SILICA, TOTAL MG/L AS SiO2 7.200

0000001 013 01032 ARSENIC, TOTAL RECOVERABLE UG/L AS AS 1.000 < 50.000
0000001 014 01007 BARIUM, TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP 174.000 1000.000
0000001 015 01012 BERYLLIUM, TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP 0.500 <

0000001 016 01022 BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP 566.000
0000001 017 01027 CADMIUM, TOTAL RECOVERABLE UG/L AS CD ANAL BY ICP 3.000 < 10.000
0000001 018 01034 CHROMIUM, TOTAL RECOVERABLE UG/L AS CR ANAL BY ICP 5.000 < 50.000

0000001 019 01037 COBALT, TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP 5.000 <
0000001 020 01042 COPPER, TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP 5.000 < 5000.000
0000001 021 01045 IRON, TOTAL RECOVERABLE, UG/L AS FE ANAL BY ICP 203.000 1000.000

0000001 022 01051 LEAD, TOTAL RECOVERABLE UG/L AS PB 5.000 < 50.000
0000001 023 01055 MANGANESE, TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP 9.000 150.000
0000001 024 01067 NICKEL, TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP 5.000 <

0000001 025 01077 SILVER, TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP 3.000 < 50.000
0000001 026 01082 STRONTIUM, TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP 2035.000
0000001 027 01087 VANADIUM, TOTAL RECOVERABLE UG/L ASV ANAL BY ICP 5.000 <

0000001 028 01092 ZINC, TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP 50.000 < 5000.000
0000001 029 01105 ALUMINUM, TOTAL RECOVERABLE UG/L AS AL ANAL BY ICP 50.000 <
0000001 030 01147 SELENIUM, TOTAL RECOVERABLE UG/L AS SE 1.000 < 10.000

0000001 031 012730 PHENOLS, TOTAL RECOVERABLE UG/L 5.000 <
0000001 032 01300 RESIDUE, TOTAL FILTERABLE @180 C, MG/L 862.000
0000001 033 01300 MERCURY, TOTAL UG/L AS HG 0.050 < 2.000

0000001 034 00010 WATER TEMPERATURE DEG C 17.000
0000001 035 00059 FLOW (PUMPING) RATE G/L/MIN 49.000
0000001 036 00090 OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS 372.000-

0000001 037 00395 CONDUCTIVITY (EC)-LACUMHGS/CM @ 25 C 1540.000
0000001 038 00400 PH PH UNITS 7.200

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

REPORT: PM6WP048
MODULE: PM6WMC25

PAGE: 36
DATE: 09/12/90

FACILITY: 0990900 RANSON

*** CONTINUED ***

0000001 039 72006 FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN 30.000
0000001 040 90410 307.000

SAMPLE NO: 8031693 LOCATION: WELL #4
SMPL TYPE: RAW COLLECTOR: C KATES
SMPL PURP: 1-ROUTINE COMMENTS:
SMPL PRPG: 1-GWM INORG OBSRVATNS:

COLL DATE: 01/05/82 DELIVERED BY:
LAB RCVD: 02/16/92 RECEIVED BY:
LAB COMPL: LAB SUPERVISOR:
SMPL PERIOD: 01/82 FUND CODE:

ANALYSIS RSLT -----STORET-----
IO ND NO DESCRIPTION

UNITS RESULT DRINK MTR RAW MTR TRIGGER
-----STANDARDS-----

00095	CONDUCTIVITY(CE)-LAB(UMHDS/CM @ 25 C		1620.000		
00403	PH LABORATORY UNITS		7.700		
00410	ALKALINITY, TOTAL MG/L AS CaCO3		320.000		
00610	NITROGEN, AMMONIA TOTAL MG/L AS N		1.000		
00630	NITRATE & NITRITE TOTAL MG/L AS N		0.100 <	10.000	
00720	CYANIDE, TOTAL MG/L AS CN		0.005 <	0.200	
00900	HARDNESS, EDTA MG/L AS CaCO3		260.000		
00916	CALCIUM, TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP		52.000		
00927	MAGNESIUM, TOTAL RECOVERABLE MG/L AS Ca ANAL BY ICP		29.000		
00929	SODIUM, TOTAL RECOVERABLE MG/L AS Na ANAL BY ICP		236.000		
00937	POTASSIUM, TOTAL RECOVERABLE MG/L AS K ANAL BY ICP		15.000		
00940	CHLORIDE, TOTAL MG/L AS CL		300.000		
00945	SULFATE, TOTAL MG/L AS SO4		40.000		
00951	FLUORIDE, TOTAL MG/L AS F		1.310	4.000	
00956	SILICA, TOTAL MG/L AS SiO2		7.300		
01002	ARSENIC, TOTAL RECOVERABLE UG/L AS AS		1.000 <	50.000	
01007	BARIUM, TOTAL RECOVERABLE UG/L AS Ba ANAL BY ICP		213.000	1000.000	
01012	BERYLLIUM, TOTAL RECOVERABLE UG/L AS Be ANAL BY ICP		0.500 <		
01022	BORON, TOTAL RECOVERABLE UG/L AS B ANAL BY ICP		700.000		
01027	CADMIUM, TOTAL RECOVERABLE UG/L AS Cd ANAL BY ICP		3.000 <	10.000	
01034	CHROMIUM, TOTAL RECOVERABLE UG/L AS Cr ANAL BY ICP		5.000 <	50.000	
01037	COBALT, TOTAL RECOVERABLE UG/L AS Co ANAL BY ICP		5.000 <		
01042	COPPER, TOTAL RECOVERABLE UG/L AS Cu ANAL BY ICP		3.000 <	5000.000	
01045	IRON, TOTAL RECOVERABLE, UG/L AS Fe ANAL BY ICP		970.000	1000.000	
01051	LEAD, TOTAL RECOVERABLE UG/L AS Pb		7.000	50.000	
01055	MANGANESE, TOTAL RECOVERABLE UG/L AS Mn ANAL BY ICP		5.000	150.000	
01067	NICKEL, TOTAL RECOVERABLE UG/L AS Ni ANAL BY ICP		3.000 <		
01077	SILVER, TOTAL RECOVERABLE UG/L AS Ag ANAL BY ICP		5.000 <	50.000	
01082	STRONTIUM, TOTAL RECOVERABLE UG/L AS Sr ANAL BY ICP		1780.000		
01087	VANADIUM, TOTAL RECOVERABLE UG/L AS V ANAL BY ICP		4.000 <		
01092	ZINC, TOTAL RECOVERABLE UG/L AS Zn ANAL BY ICP		2.000 <	5000.000	
01147	SELENIUM, TOTAL RECOVERABLE UG/L AS Se		1.000 <	10.000	
70300	RESIDUE, TOTAL FILTERABLE 2180 C, MG/L		906.000		
70304	TOTAL DISSOLVED SOLIDS MG/L AS TDS		970.000		
71900	MERCURY, TOTAL UG/L AS Hg		0.110	2.000	

SAMPLE NO: 2002260 LOCATION: WELL
SMPL TYPE: RAW COLLECTOR: EPA SMPL COLLECTOR
SMPL PURP: 5-SPEC/OTHR COMMENTS:

COLL DATE: 04/21/87 DELIVERED BY:
LAB RCVD: 00/00/00 RECEIVED BY:
LAB COMPL: 00/00/00 LAB SUPERVISOR:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES
SELECTED SAMPLE EXPANDED REPORT

REPORT: FWSWPC148
MODULE: FWSWMC26

FACILITY: 099C900 RANSOM

*** CONTINUED ***

SAMPL PRG: V-VOC OBSRVATNS:

SAMPL PERIOD: 04/87 FUND CODE:

ANALYSIS TO	NO	NO	DESCRIPTION	UNITS	RESULT	DRINK WTR	RAW WTR	TRIGGER LEVEL
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0000001	001	32101	BROMODICHLOROMETHANE UG/L GC/MS		1.000 <			
0000001	002	32102	CARBON TETRACHLORIDE UG/L GC/MS		1.000 <	5.000		
0000001	003	32103	1,2-DICHLOROETHANE UG/L		1.000 <	5.000		
0000001	004	32104	BROMOFORM UG/L GC/MS		1.000 <			
0000001	005	32105	DIBROMOCHLOROMETHANE UG/L GC/MS		1.000 <			
0000001	006	32106	CHLOROFORM UG/L GC/MS		1.000 <			
0000001	007	34010	TOLUENE UG/L		1.000 <			
0000001	008	34030	BENZENE UG/L		1.000 <	5.000		
0000001	009	34301	CHLOROBENZENE UG/L		1.000 <			
0000001	010	34371	ETHYLBENZENE UG/L		1.000 <			
0000001	011	34423	METHYLENE CHLORIDE UG/L		1.000 <			
0000001	012	34475	TETRACHLOROETHYLENE UG/L GC/MS		1.000 <			
0000001	013	34496	1,1-DICHLOROETHANE UG/L GC/MS		1.000 <			
0000001	014	34501	1,1-DICHLOROETHYLENE UG/L GC/MS		1.000 <	7.000		
0000001	015	34506	1,1,1-TRICHLOROETHANE UG/L GC/MS		1.000 <	200.000		
0000001	016	34546	TRANS-1,2-DICHLOROETHYLENE UG/L GC/MS		1.000 <			
0000001	017	39180	TRICHLOROETHYLENE UG/L		1.000 <	5.000		
0000001	018	00010	WATER TEMPERATURE DEG C		17.000			
0000001	019	00059	FLOW (PUMPING) RATE GAL/MIN		48.000			
0000001	020	00090	OXIDATION-REDUCTION POTENTIAL (EH) MILLIVOLTS		372.000-			
0000001	021	00095	CONDUCTIVITY(5C)-LASCUMHOS/CM @ 25 C		1540.000			
0000001	022	00400	PH PH UNITS		7.200			
0000001	023	72004	FLOW (PUMPING) TIME PRIOR TO SAMPLING MIN		30.000			
0000001	024	90410			307.300			

UNIVERSITY OF ILLINOIS-URBANA



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